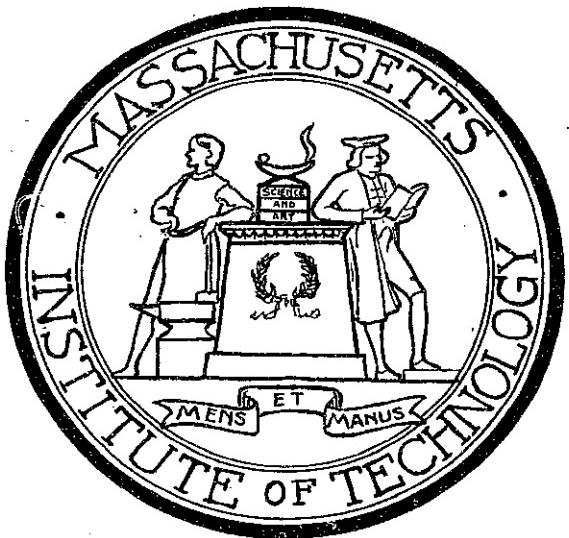


The Tech



Thursday

January 16
1901

Vol. 20
No. 15

Oak Grove Creamery Company,

- - DAIRY LUNCH ROOM - -

445 BOYLSTON STREET, COR. BERKELEY, * * * Opp. Y. M. C. A. Building.

Where can be had

Sandwiches of all Kinds, Soups, Tea, Coffee, and Regular Dairy Lunch.

EVERYTHING FIRST-CLASS.

\$6.00 Check for \$5.00.

Pure Milk and Cream.

All Kinds of Meats.

NELSON L. MARTIN.

George S. Chase.

Harvey S. Chase.

AUDITORS and

EXPERT EXAMINERS OF ACCOUNTS.

Especial experience in audits of Manufacturing and Mill Accounts, of Municipal Accounts; and in examinations of insolvent corporations for creditors or assignees.

REFERENCES:

Manchester Mills, Pacific Mills, Lowell Mfg. Co.,
City of Providence, Chickering & Sons, Chapman Valve Mfg. Co.,
and to officers of other Corporations, Banks, Trust Co's., etc.

8 CONGRESS ST., BOSTON.

Telephone 3660 Boston.

"Wherfore Spend Money for That
Which SATISFIETH NOT?"

Bright } B { Boston's
Buyers } U { Best
The Crocker Pen.

IT FILLS ITSELF.

INSULATED,	RELIABLE,
VENTILATED,	CLEAN,
REGULATED,	READY.

\$2.00 to \$10.00.

For Sale by Leading Stationers.

MAIN OFFICE:

CROCKER PEN CO., 113 Devonshire St.

Clark's Dairy Lunch,

22 Columbus Avenue.

All our Stews, Soups, Chowders and Chicken Pies are HOME MADE. Chicken Stew, 10c.; Beef Stew, 10c.; Lamb Stew, 10c.; Fish and Clam Chowder, 10c.

We use only strictly Fresh Eggs and the best Creamery Butter. Our Coffee is unsurpassed.

The David Myers Company,
Tailors to Harvard Co-operative Society,
172 Tremont St., Boston.

The Harvard Co-operative Society discount of 15 per cent. allowed to all Tech students.

HIBBARD & MASON,

(INCORPORATED.)

414 Washington Street,
BOSTON.

Exhibit specially selected
fashionable materials suited
to the requirements of those
who dress in becoming
clothes.

DRESS SUITS, silk-lined and faced, \$45.00.

**Wilbur, Campbell, Stephens
Company,**

HIGH-GRADE Factories * *
SHIRTS, TROY and
COLLARS and ALBANY,
CUFFS. . . . N. Y.
BOSTON OFFICE:
24 Kingston Street.

THE DRUG SHOP.

H. O. NUTE & CO., Inc.
Everything in the Drug Line, also Full Line Imported
and Domestic Cigars.

PIPES, CIGARETTES & TOBACCO.
J. H. BLANCHARD, Reg. Phar., Manager.

H. O. NUTE & CO., Apothecaries.
335 Columbus Avenue, cor. Dartmouth St.
BOSTON, MASS.
Co-operative Discount.

Special Discount TO STUDENTS.

Trousers pressed and sponged, 15 pairs for \$1.00.
3 Suits or 3 Overcoats pressed and sponged, \$1.00.
Suits or Overcoats steam or naptha cleansed, \$1.25.

All other work done at low prices, and 10% discount allowed to students.

We call and deliver at any time.

**GOLDBERG & RICH,
TAILORS**

368 Columbus Avenue,
Opposite Yarmouth Street,
Tel. 438-2 Tremont.

. . . THE . .

WESTMINSTER,

THE NEW HOTEL IN
COPLEY SQUARE.



EUROPEAN
* * PLAN

HARRY L. BROWN,
Manager.

The Official Tech Pin.

Gold Plated on Silver, \$1.00.
Gold, \$2.50. Silver 75 cents.
HENRY GUILD & SON, Manufacturers of HAM-
MER AND TONGS, and
other Society Pins.
433 Washington St., cor. Winter St., BOSTON.

SCIENTIFIC BOOKS

DAMRELL & UPHAM,
The Old Corner Bookstore
283 Washington St., Boston.

DRAPER & DOANE,

Oculists & Opticians,

51 SUMMER ST.
Every attention shown those in need of Glasses.
We bring the services of an

OCULIST
within the reach of all.
Highest grade of work at Prices that are fair.

SPECIAL DISCOUNT TO TECH STUDENTS.

Oak Grove Creamery Company,

- - DAIRY LUNCH ROOM - -

445 BOYLSTON STREET, COR. BERKELEY, * * * Opp. Y. M. C. A. Building.

Where can be had

Sandwiches of all Kinds, Soups, Tea, Coffee, and Regular Dairy Lunch.

EVERYTHING FIRST-CLASS.

\$6.00 Check for \$5.00.

Pure Milk and Cream.

All Kinds of Meats.

NELSON L. MARTIN.

George S. Chase.

Harvey S. Chase.

AUDITORS and

EXPERT EXAMINERS OF ACCOUNTS.

Especial experience in audits of Manufacturing and Mill Accounts, of Municipal Accounts; and in examinations of insolvent corporations for creditors or assignees.

REFERENCES:

Manchester Mills, Pacific Mills, Lowell Mfg. Co.
City of Providence, Chickering & Sons, Chapman Valve Mfg. Co.,
and to officers of other Corporations, Banks, Trust Co's., etc.

8 CONGRESS ST., BOSTON.

Telephone 3660 Boston.

"Wherfore Spend Money for That
Which SATISFIETH NOT?"

Bright } BUY { Boston's
Buyers } Best

The Crocker Pen.

IT FILLS ITSELF.

INSULATED,

RELIABLE,

VENTILATED,

CLEAN,

REGULATED,

READY.

\$2.00 to \$10.00.

For Sale by Leading Stationers.

MAIN OFFICE:

CROCKER PEN CO., 113 Devonshire St.

Clark's Dairy Lunch,

22 Columbus Avenue.

All our Stews, Soups, Chowders and Chicken Pies are HOME MADE. Chicken Stew, 10c; Beef Stew, 10c.; Lamb Stew, 10c.; Fish and Clam Chowder, 10c.

We use only strictly Fresh Eggs and the best Creamery Butter. Our Coffee is unsurpassed.

The David Myers Company,
Tailors to Harvard Co-operative Society,
172 Tremont St., Boston.

The Harvard Co-operative Society discount of 15 per cent. allowed to all Tech students.

HIBBARD & MASON,

(INCORPORATED.)

414 Washington Street,

BOSTON.

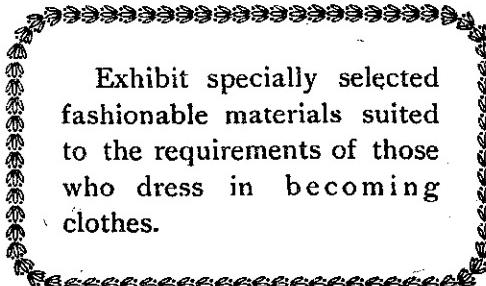


Exhibit specially selected
fashionable materials suited
to the requirements of those
who dress in becoming
clothes.

DRESS SUITS, silk-lined and faced, \$45.00.

**Wilbur, Campbell, Stephens
Company,**

HIGH-GRADE Factories & *
 SHIRTS, TROY and
 COLLARS and ALBANY,
 CUFFS. ... N. Y.
 BOSTON OFFICE:
 24 Kingston Street.

THE DRUG SHOP.

H. O. NUTE & CO., Inc.
 Everything in the Drug Line, also Full Line Imported
 and Domestic Cigars.

PIPES, CIGARETTES & TOBACCO.
 J. H. BLANCHARD, Reg. Phar., Manager.

H. O. NUTE & CO., Apothecaries.
 335 Columbus Avenue, cor. Dartmouth St.
 BOSTON, MASS.
 Co-operative Discount.

Special Discount TO STUDENTS.

Trousers pressed and sponged, 15 pairs for \$1.00.

3 Suits or 3 Overcoats pressed and sponged, \$1.00.

Suits or Overcoats steam or naptha cleansed, \$1.25.

All other work done at low prices, and 10% dis-
 count allowed to students.

We call and deliver at any time.

GOLDBERG & RICH, TAILORS

368 Columbus Avenue,
 Opposite Yarmouth Street,
 Tel. 438-2 Tremont.

.. THE ..

WESTMINSTER,

THE NEW HOTEL IN
 COPLEY SQUARE.



EUROPEAN
 & PLAN

HARRY L. BROWN,
 Manager.

The Official Tech Pin.

Gold Plated on Silver, \$1.00.
 Gold, \$2.50. Silver 75 cents.
HENRY GUILD & SON, Manufacturers of HAM-
 MER AND TONGS, and
 other Society Pins.
 433 Washington St., cor. Winter St., BOSTON.

SCIENTIFIC BOOKS

DAMRELL & UPHAM,
 The Old Corner Bookstore
 283 Washington St., Boston.

DRAPER & DOANE,

Oculists & Opticians,

51 SUMMER ST.
 Every attention shown those in need of Glasses.
 We bring the services of an

OCULIST

within the reach of all.
 Highest grade of work at Prices that are fair.

SPECIAL DISCOUNT TO TECH STUDENTS.

Gifts for All...

...Occasions.

**Weddings, Anniversaries,
Birthdays.**

**Gold, Silver, China and
Novelties.**

Class Engraving.

Athletic Prizes.

**A. Stowell & Co., Incorporated.
24 Winter St.**



Top Coats and Suits.

The Raglan and the Top Coat are dividing the favor of well-dressed men this season. We show splendid lines of each, excellent in quality, style and fit. Collars that fit properly, correct shoulders and stitching, all show the handwork of tailors *that have no superiors.*

OAK HALL,

Washington and Elm Streets.

1900

TECH MEN!

1901

...GO TO...

Newman the Shoeman
COLLEGE SHOEMAKER,

For your Shoes and Rubbers.

**79 TREMONT STREET, Tremont Building, Boston,
and Harvard Square, Cambridge.**

THE MIDVALE STEEL CO.,

Locomotive and Car Wheel Tires,
Forgings and Castings,
Bar Steel.



Nickel Steel
Forgings
for
Marine Engines.

Ordnance
Forgings
and
Castings.



OFFICE AND WORKS:
PHILADELPHIA, PA.



McMORROW, Formerly with H. H. Tuttle Co.

COLLEGE SHOES FOR COLLEGE MEN

OPP. YOUNG'S HOTEL.

238 Washington Street, Boston.

"Twenty-Five Hundred Dollars in Prizes."

The College Essay Pub. Co. is preparing a monthly for college men and women and it solicits manuscripts and drawings from college students who may select their own subjects. Write for information circular.

"STUDENT'S LOAN FUND."

One half of the proceeds accruing from the sale of this monthly will be set aside as a loan fund for needy and deserving students. No interest will be charged on loans.

"A TRIP TO EUROPE FREE."

As the title of this monthly is not decided upon we submit it to the college student. Each student will be allowed one suggestion. His title must be accompanied with one dollar as a four months' subscription. The student whose title will be accepted by three judges will receive the above prize. Write at once as this offer closes February 1st, 1901.

COLLEGE ESSAY PUB. CO.

BOSTON, MASS.

Hotel Nottingham



**The Only Hotel Facing
Copley Square.**

Three minutes walk from the
New Back Bay Stations of the
Boston & Albany and N. Y.,
N. H. & H.

Patronage of Tech Students is solicited
in our Cafe.



European Plan.



Check Baggage Back Bay Station, Boston.

H. H. Whipple.

A CENTURY LANDMARK.

The old **CAMBRIDGE LAUNDRY** has stood the test for almost a century. Their

FAMOUS
LEXIBLE
INISH

will prevent your collars from cracking. A trial bundle will convince you. Send us a postal and we will call and deliver your work promptly. Special attention paid to Domestic Finish.

A. COHEN, 329 Columbus Avenue.

Discount to students mentioning THE TECH.

LEE CATERING CO.

**Restaurant and
Lunch Counter.**

MEAL TICKETS. MODERATE PRICES.

Catering in all its Branches.

Choice Candies and Confectionery.

JOSEPH LEE, MANAGER,
408 Boylston Street.

**"1902 TECHNIQUE
Is Coming."**

EAT AT OUR RESTAURANT. ▷

MEADOW BROOK FARM CO.,

202 DARTMOUTH STREET,

Near Copley Square and Back Bay Station.

Good Food and Service at Moderate Prices.

Charles A. Hoyle, PORTRAITS.

.... Specialty in Platnums

Official Photographer for Tech '99.

288 BOYLSTON STREET, Opp. Subway Entrance.

Tech Students (WATCH THIS SPACE)

Our Special Bargain List of

Cameras and Photo Supplies will
be ready on the 15th of December.

Send us your address and we will
mail you one. Or better still call
and get a free sample bottle of our
B. B. B. developers, and see the
stock. We quote lowest possible
prices on Standard Goods.

Pinkham & Smith
Opticians,
288 Boylston Street,
Boston, Mass.



T. E.
Moseley
& Co.

Winter and Storm Boots,

Double Soles—Tan—Black.

\$3.50 to \$9.00.

145 Tremont St.,

Between Temple Place
and West Street.

10 PER CENT. DISCOUNT TO TECH.

Hall & Hancock,

Novelties in - - - -

SOFT
HATS AND
STIFF
HATS

Canes, Umbrellas,
Hat Cases and Gloves.

407 Washington Street.

Discount to Tech Students.

HAWKES,

Tailor,

71 BEACON STREET,

Full Line of

Fall and Winter

IMPORTATIONS

Tel. 1387-3 Hay. Opp. Pub. Garden.

Successors to D. Toy & Co.



THE LARGEST ASSORTMENT OF FOREIGN WOOLENS SHOWN IN BOSTON.

CO-OPERATIVE.

THE TECH

VOL. XX.

BOSTON, JANUARY 16, 1901.

NO. 15

THE TECH

Published every Thursday, during the college year, by students
of the Massachusetts Institute of Technology.

HENRY HODGMAN SAYLOR, 1902, *Editor in Chief*.
WALTER HAVENS FARMER, 1902, *Assistant Editor in Chief*.
I. RAYNE ADAMS, 1902, *Secretary*.
H. S. MAXSON, 1901.
ROBERT WHITE, JR., 1901.
P. G. L. HILKEN, 1901.
C. A. SAWYER, JR., 1902.
J. C. FRUIT, 1902.
R. B. PENDERGAST, 1902.
K. W. ENDRES, 1903.
E. B. MACNAUGHTON, 1902, *Art Editor*.

ARTHUR SMITH MORE, 1902, *Business Manager*.
ERNEST HARRAH, 1904, *Assistant Business Manager*.

OFFICE HOURS:

Editor in Chief, Monday, 10-11 A. M.
Business Manager, Saturday, 12-1 P. M.

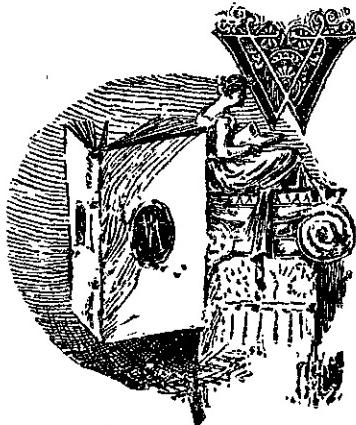
For the benefit of students THE TECH will be pleased to answer all questions and obtain all possible information pertaining to any department of the College.

Contributions are requested from all undergraduates, alumni, and officers of instruction. No anonymous manuscript can be accepted.

Subscription, \$2.00 per year, in advance. Single copies, 10 cts. each.

Entered in Post Office, Boston, Mass., as Second-Class Matter.

Press of Lounebury Nichols & Worth Company.



WITH the approach of examinations comes word of a novel experiment originated by a Professor in Course I. He will ask each student in his course to head his paper with answers to the questions, "Did you study in any way for the examination on Sunday?" and "What time did you retire last night?"

These questions, he says, are in no way

prompted by religious motives and are to be used simply to find out how general is the practice of Sunday studying and of late night work.

The professor strongly advises against work on Sunday and against working later than eight o'clock on the night before an examination. "Rather spend the evening before at the theatre and retire early, feeling fresher for the test of the succeeding day," he says.

The agitation produced by these questions should be productive of much good for both students and professors. If the student could realize, without considering the question from a religious point of view, that after six days of conscientious work the seventh passed without looking inside a text-book would make him better prepared to resume work on Monday morning; if the Professor could realize this fact and correspondingly regulate the assignments for Monday, it seems that both would have more cause to be satisfied with the result at the end of the term.

The effect of late night work upon a student's examination paper, cannot fail to be harmful to his work in the blue book. All the facts may be there, but the head is "like a trunk packed in a hurry." Cramming may be of some assistance but there should be a good rest between such preparation and the examination. Correctly used the plan is admirable and deserving of careful consideration by both professors and students at this time.

The next issue of THE TECH will be on February 14th. The articles by the Professors will then be continued.

Dr. Pritchett's Western Trip.

Some time in March, Dr. Pritchett will make a western tour of the principal cities, as far as Kansas City, in behalf of the Institute and the Walker Memorial. The Alumni Associations in the Western cities will give receptions and dinners in his honor, and a committee of Class Secretaries is making like arrangements in other places. Besides the Alumni, fathers of men at the Institute will be invited. The trip was postponed from February to March on account of Dr. Pritchett's present illness. The main object of the trip will be to raise funds for the Walker Memorial.

Invitation to Dr. Pritchett.

The following letter has been sent to Dr. Pritchett from Kansas City, Mo. The names signed to it are of representative men of that city, leaders in education, science and business.

Henry S. Pritchett, L.L.D., Ph. D.

Dear Sir:—We, the undersigned, will be pleased if you can find it convenient and agreeable to visit Kansas City during this winter. We desire to give you a reception and banquet, so that many of our citizens interested in practical and scientific education may have an opportunity of meeting you personally.

It is very pleasing to many in the West that you have been chosen to fill the responsible position of President of the Massachusetts Institute of Technology, and we are proud that Missouri has contributed a President to occupy a chair which has been filled by a long line of able Scientists.

Yours very truly,
(SIGNED.)

Wm. Barton,
J. A. L. Waddell,
James L. Lombard,
John F. Downing,
Frank M. Howe,
Wm. B. Thayer,
R. L. Yeager,
A. R. Meyer,
Hal Gaylord,
W. H. Lucas,
R. H. Keith,
Felix La Force,
J. C. James,
J. V. C. Karnes,

Chas. J. Schmelzer,
W. R. Nelson,
Homer Reed,
A. F. Nathan,
R. E. Richardson,
G. B. Morrison,
E. C. White,
H. L. McCune,
Charles Campbell,
W. S. Woods,
H. L. Harmon,
E. L. Scarritt,
W. C. Scarritt,
Clarence S. Palmer,
A. A. Lesueur.

American College Parade.

A distinctive feature of the second inauguration of President McKinley, if plans now under way fulfil their early promise, will be a large representation of the colleges and universities of the United States in the line of the parade for the first time.

The matter has been put in the hands of an intercollegiate committee, which has addressed invitations to the presidents of more than 400 American institutions of learning, requesting that delegations be sent on to represent their respective institutions in the inaugural parade. It is expected that each college or university will have a distinctive uniform and banner, and that the result will be a pleasing addition to the other details of the parade.

There will be no maximum or minimum limit to the size of each delegation, the only requirement being that each body shall be uniformed or decorated so as to display its colors.

Freedom is given to introduce unique features characteristic of college life. Delegations, it is suggested, should perfect themselves in marching, either by column, figures or changing their formation while in line of march.

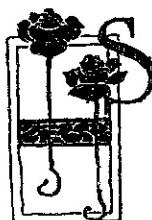
Horns or other instruments for the purpose merely of making a noise will not be allowed in the parade. It is requested, however, that bands be brought from as many colleges as possible.

Local committees will make all arrangements necessary for accommodation of institutions signifying a purpose to be represented. The railroads will give a special rate to college delegations.

Class of '99.

The regular Monthly Supper and Informal Reunion of the Class will take place at the Technology Club, 71 Newbury St., at 6.15 p.m. on Saturday, Jan. 19. Supper is 60 cents per plate. No notice of intended attendance is necessary.—*Walter O. Adams, Sec'y.*

My Distant Cousin.



HE was a distant cousin of mine whom I had never seen. As I walked toward the station I opened Aunt Judith's letter and reread it for the fourth time.

"You will be sure to recognize her at once for she resembles your dear mother very closely. The train gets into Back Bay at eight, and of course she will be on the lookout for you."

I still had twenty minutes until train time so I walked slowly over the snow-covered pavement. The night was clear and cold and the snow creaked under one's feet.

"I do hope she will be something nice to look at, a girl worth knowing, for I shall probably have to see a good deal of her during the winter. These distant cousins are things a fellow can never bank on; she may have a shawl strap, or a carpet bag, or a bird-cage. I rather wish Aunt Judith had described her more carefully. These people whom others think look like someone you know almost always are disappointing. However, she may be all right, one can never tell."

There were two other people on the platform when I reached the station. One was a flashy young chap with whom I had a mere speaking acquaintance. He was in the class below me at college and was always so infernally sociable, a great wire-puller in his class I believe. Seeing him I walked on toward the train yard. The other person was a good-looking old gentleman, with a heavy white beard and a most distinguished air, walking slowing up and down the platform smoking a cigar. As I turned at the end of the walk, McDonnel, the aforementioned flashy young gentlemen came up, and of course with "Ever so glad to see you, old chap, where you been keeping yourself? Have n't seen you in the yard at all lately. Have n't turned bohner, have you?"

"No, I have n't, but I have had a great deal to do lately, can never seem to catch up with the game."

"Here to meet some one? I'm in the same business myself to-night. Well, here's the train, be good. Come see me some time."

As the long train pulled in and stopped a young girl stepped down from the porter's stool several cars ahead and walked slowly up the platform. She seemed rather embarrassed and on the lookout for someone.

"Well, if her face is her fortune she's dead broke," I thought, as I buttoned up my coat and started toward her.

"So this is Fred, well I would n't have known you after all these years."

Now as a matter of fact the dear girl had never laid eyes on me before, but then I suppose she had to say something. She didn't look like mother either, I thought, as I took the bag and enquired for the health of the folks.

"Well, Aunt Mary is n't any better and little John has just been taken down with the measles, but the rest are all well and send their love."

We got into a carriage and I gave the order, "—— Marlboro Street."

"Oh, but that is n't the number," she said as I closed the door and we rattled down the street, "You know I am going to Uncle George's house."

"And who is Uncle George? I thought you were going right to the school."

Well, to make a long story short the whole wretched affair was cleared up after a few minutes. She was the wrong girl. The "Fred" she had mistaken me for was a friend of her brother's who was to have met her. Well, here was a great state of things. Poor Caroline, my distant cousin, must be wandering about the streets by this time looking for me with an axe. Yet I couldn't leave this impossible creature to find her way to her dear Uncle George's alone. Clearly, the one

thing to be done was to see the poor girl to her destination and then — well I suppose I had better push myself off a bridge.

By this time my companion had come to the conclusion that it was a real good joke. Well, I didn't argue the point for it might have made things worse, but I did think one or two things which would n't look well in print.

"Good-bye, Mr. Matthews. It was awfully good of you, I am sure. Do come see me. Oh, but it is *such* a capital joke."

I reached Miss Bent's School just in time to see McDonnel walking away from the house.

"I'm awfully sorry you could n't come yourself Fred but Mr. McDonnel was very kind to me."

That man McDonnel always was too infernally sociable.

Electrical Engineering Society.

The Electrical Engineering Society was addressed last Friday evening by Mr. W. L. Smith, on "Illumination of Interiors." He spoke at some length upon the necessity of shades, now that lights of such high intrinsic brilliancy have been developed, discussing the qualities, good and bad, of about forty varieties of shades of which he had samples. He advocates diffusion of light but considers the scheme carried too far, in many cases, in that it destroys the shadows. His talk was both interesting and instructive and was enjoyed by over forty, a very large meeting for this time of the year.

Olympian Games.

It has been decided by the international commissioners to award the Olympian games for 1904 to Chicago. It was decided some time ago to award them to America, and as Chicago has offered the greatest inducements she has secured the games. A large stadium will be erected, so that the games may be carried out on a magnificent scale. This is the most important international event held in America since the World's Fair in 1893.

Tech Board Meeting.

The Tech Board held its regular annual business meeting last Monday. A shingle design was accepted, to be made up on leather. The form of the paper for next term was discussed. New initials and headings for the departments are to be designed along the lines of the *Saturday Evening Post* style. The office is to be refurnished shortly with a part of the profits of last year.

The Board of Editors hopes to be able to continue the series of leading articles by the members of the Faculty next term, having one in every issue.

The Harvard Outclassed.

"I heard a good war-time story the other day, which I think has never appeared in print," said Mr. Edward G. Frost of Boston, at Chamberlin's last night. "It will be remembered that Secretary Long named a number of the auxiliary cruisers after prominent colleges, Yale and Harvard being among the schools thus honored.

"The correspondent of a Boston paper at Santiago was not a graduate of either of these institutions, and he felt offended that his alma mater had been overlooked by the secretary of the navy. One dark night this correspondent was returning from Kingston in his wheezy little dispatch boat, and was hailed by the *Harvard*, which was doing picket duty.

"'Boat, ahoy, there!' sang out an officer on the *Harvard*'s deck. This is the auxiliary cruiser *Harvard*; what vessel is that?"

"'It is, eh,' answered the correspondent, through the darkness. 'Well, this is the dispatch boat the *Massachusetts Institute of Technology*, and the *Harvard* was never in our class.'

"The officer on the *Harvard*'s deck was so staggered that the little tub with the awe-inspiring name was well within the lines before he had recovered sufficiently to ply further questions." — *Washington Post*.



The editors of THE TECH are sorry to note that Mr. C. A. Sawyer, Jr., 1902, of the TECH Board is ill.

Professor Sedgwick will give a reception to Professor W. K. Brooks of Johns Hopkins University on Wednesday, January 23rd.

Z. Matteosian, '02 of Course IV., was taken ill with a severe attack of typhoid fever shortly after the Christmas vacation and is at present in the City Hospital convalescing.

Two cases of drawers have been added to Room 43 and one case to Room 53 Rogers, both Mechanical Drawing rooms, to accommodate the increase in the Freshman Class.

Professor Clifford will meet students for the discussion of any questions connected with the 3rd year Heat Course, on Wednesday, January 16th, 1901, in Room 22 Walker Building, from 4 to 5 P. M.

The Tech Cadets are cordially invited to attend the first evening social of the Taunton Cadets, Friday evening, January 18th, 1901. All uniformed members will be admitted free. Dancing from eight to twelve at the Armory on Wier Street, Russel Park.

The following men have been assigned Lieutenants in the Battalion: A. B. Taft and A. D. Smith to Company A.; C. B. Haynes and L. H. Grant to Company B.; G. E. Willcomb and E. F. Jenkins to Company C.; M. E. Weaver and L. A. Russell to Company D.

For some time past, posters have been placed in the various buildings giving notice of the competition opened by *Technique* 1902 to the Sophomore and Freshman Classes, in which a copy of this year's *Technique* is offered to the '03 or '04 man who hands in the five best grinds. There may be some uncertainty among the Freshmen as to what a "grind" is, and how it should be worked up, but this uncertainty cannot extend to the Sophomore class, and it is hoped that the offer made by *Technique* will bring about an energetic competition.

The Board of Directors of the U. of Pa. A. A. have re-engaged George Woodruff as coach of the football team for the season of 1901 with the title of Head Coach. The Board also authorized the appointment of graduate assistant coaches, limited to six, the appointments to be made by the Directors. What the power of the assistant coaches will be and the extent of Woodruff's authority the Board has not finally decided but it is said that the head Coach will probably be the final authority in deciding upon the system to be used and the style of team-play, while the assistants will have charge of the development of individual players, teaching them thoroughly the rudiments of the game and how to play their individual positions. This action probably means the abandonment of the guard back play and that the Pennsylvania team will again reach her former standard.

A Sure Thing.

"I've got a great scheme to make money in Wall Street. All you've got to do is to buy when stocks are going up and sell when they are going down."

"But how are you going to tell whether they are going up or down?"

"Wait and see."—*Life*.



The Yale-Harvard track meet will be held at New Haven this year, probably on May 11.

The Annual Convention of the New England Intercollegiate Athletic Association will be held in Boston on Saturday, February 9th.

Grant of Pennsylvania, Hall of Brown, and Gallagher of Cornell will run for the two-mile indoor championship of America. Grant won this event last year.

A Brunswick newspaper dispatch states that at a meeting of the Bowdoin Athletic Association in December, "It was unanimously voted not to play Tufts, either in baseball or football, the coming year. This action was taken on account of charges of professionalism made against Tufts, and because at the close of the football game, which Bowdoin won from Tufts in November, the ball was kept by Tuft's men." The vote was taken on advice of the Athletic Committee, composed of undergraduates and alumni.

The Technology Basket-ball Team last Saturday defeated the Dean Academy Team by the large score of 22 to 1. This was M. I. T.'s first game, and we have reason to be proud of the excellent showing the men made. Dillon played the best game for Tech, but every one on the team played with spirit. In consideration of the fact, that Basket-ball is each year becoming more popular as an intercollegiate sport, and as all the larger colleges and most of the smaller ones are enthusiastically supporting their teams, Tech men should show interest in the work their

team is doing, and should give it their best support.

The twelfth annual indoor athletic meet of the Boston Athletic Association will be held Saturday evening, Feb. 16, at the Mechanics Building under the sanction of the A. A. A. The handicap events are the same as a year ago, including forty-yard dash, 9 ft. limit; 600-yard run, 30 yards limit; 45-yard low hurdles, four flights, 9 ft. limit; 1000-yard run, 50 yards limit; mile-run, 60 yards limit; putting 16-pound shot, 6 ft. limit; high-jump, 6 inch limit; three standing-jumps, 1 ft. limit. There will be an invitation 40-yard dash, scratch. For novices there will be a 40-yard dash, scratch, and a 440-yard run, scratch.

As usual the chief feature of the meet will be the team races. Matches have already been arranged between Harvard and the University of Pennsylvania, between Cornell and Princeton, between Amherst and Williams, and between Andover and Exeter. Races are being arranged between Dartmouth and Bowdoin and between Brown and M. I. T. Technology will also be represented in the individual events by a team chosen from those who made the best showing in our winter meet. The events are open to all registered athletes. Entries should be made with John Graham, B. A. A. before Feb. 6.

The following table gives the number of men from Harvard, Yale, Princeton and Pennsylvania who have been on the All-American football teams for the last ten years, as chosen by Mr. Caspar Whitney. Besides these four colleges Cornell and West Point have each had two representatives during this period, and Columbia, Michigan, and Lafayette one apiece. For the last twelve years Harvard has had 31 substitutes, Yale 28, Princeton 22, and Pennsylvania 14.

	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00
Harvard,	2	5	3	1	2	2	2	4	2	2—25
Yale,	5	3	3	5	2	2	4	2	3	4—33
Princeton,	3	2	5	2	3	4	2	2	3	0—26
U. of P.,	1	1	0	3	4	3	3	1	3	1—20



'82. George F. Shepley, IV., is a member of the Board of Architects in charge of the design and construction of the buildings for the Pan-American Exposition.

'88. A. S. Warren, III., is with the Buffalo Smelting Works, Buffalo, N. Y.

'88. A. F. Mead has become a member of the firm of A. & O. W. Mead & Co., commission merchants, Boston.

'88. B. R. T. Collins, II., with the Chicago Edison Company, married Miss Katherine Greer of that city last June.

'89. George C. Harding, IV., who is established as an architect at Pittsfield, Mass., has designed a large number of country residences in the Berkshires.

'89. Benjamin W. Guppy, I., is bridge engineer, Maine Central Railroad, Portland, Me.

'90. Knight C. Richmond, II., is with Mr. T. P. Sheldon, architect, at Providence, R. I.

'90. Joseph B. Baker, VI., is with the Consulting Machine Specialty Company, Boston.

'91. L. A. Dunham, I., is consulting engineer of the Meyer, Clarke, Rowe Mines Company, Kansas City, Mo.

'92. Frank C. Shepherd, XI., is assistant engineer, Street Department, city of Boston.

'92. Murray Warner, II., is in China, representing the interests of the American Trading Company of New York.

'93. S. P. Waldron, I., for some years assistant engineer at the Keystone Bridge Works of the Carnegie Company at Pittsburg,

is now connected with the Eastern Bridge and Structural Company of Worcester, Mass.

'93. Harry M. Latham, II., is with the American Steel and Wire Company, Worcester, Mass.

'93. Wallace C. Lambert, I., is with the New England Structural Company as assistant engineer at their Boston office.

'94. George E. Barstow, II., is designer for the Thompson Electric Consulting Company, Lynn, Mass.

'95. Walter N. Crafts, III., is superintendent of the Pittsburg Steel Foundry, Glassport, Pa.

'96. Edward B. Gardner, Jr., II., is with the National Steam Economizer Company Springfield, Mass.

'96. Albert W. Thompson, II., is superintendent of the machine shop, Amoskeag Manufacturing Company, Manchester, N. H.

'97. Owen H. Gray, VI., is superintendent of the Mutual Telephone Company, Des Moines, Ia.

'98. C. H. Pease, II., is with the Edison Electric Illuminating Company on Atlantic Avenue; Boston.

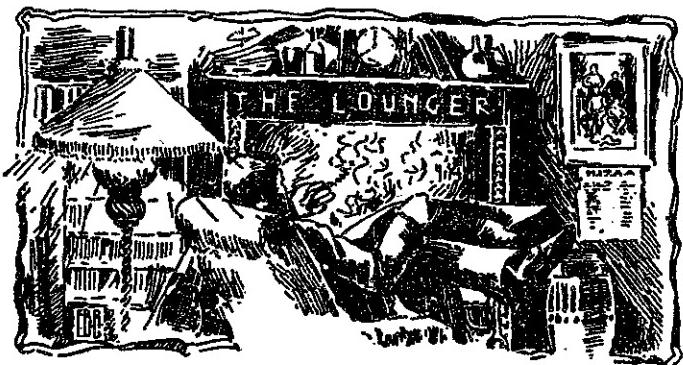
'99. William O. Sawtelle, VIII., is instructor in science at the High School, Bangor, Me.

'00. Walter C. Chaffee, IV., is with J. D. Mason, architect, Detroit, Mich.

'00. Franklin F. Conant, VI., is electrical engineer with the Bell Telephone Company, Antwerp, Belgium.

'00. Frederick H. Cooke, I., is draughtsman for the Brown Hoisting and Conveying Machine Company, at Cleveland, Ohio.

'00. Aurin M. Chase, VI., is with the Syracuse Chill Plow Co., Syracuse, N. Y.



THE LOUNGER is indeed glad to hear that one of the members or our august Faculty and a particularly good friend of his has declared in favor of an exam. theory which has always been a source of great comfort to its originator, THE LOUNGER. The aforementioned Professor believes that better results are obtained in the preparation for the semi-annual ordeal if a man goes to the theatre on the evening immediately preceding the exam. Now this has always been THE LOUNGER's pet theory. He has practised it for many years and the proof of its efficiency lies in the fact that he is still at the Institute. The Professor thinks that by working steadily up to the evening before the test and then changing one's train of thought by spending the evening at the theatre, better results are sure to follow in the examination bluebook. Now THE LOUNGER, as he has said, agrees entirely with the Professor, but he has one suggestion to make. If such a course would prove of such benefit to the students it seems as though the Institute should take steps towards having Tecnology nights at all the theatres during the examinations. The Bursar might distribute tickets from the little window that has so endeared itself to the hearts of all Tech men. And if this theory works well at exam. time why would it not be equally efficient all through the year? THE LOUNGER could surely make better recitations in Applied after his mind has been taken entirely off the subject for some time. And if we are to have the system extend through the whole year perhaps the Corporation would lease the Colonial before it becomes too popular and devote it to the use of the students. The character of attractions might arouse some discussion, but this might be left to the Bursar's discretion, in which case it would surely be perfectly satisfactory to all.

It is always a source of pleasure to THE LOUNGER to notice that his exhortations are not without effect, and, accordingly, this week he is delighted to announce that the rapid growth of infanticism has progressed as far as the Junior class. THE LOUNGER was called upon last year to remonstrate about the dangerous warlike propensities which were so strongly

in evidence in the first year class; this year, he would like to suggest that, although the Walker Building may not be a brilliant example to place before Tech's youthful architects, still it would be decidedly out of place to project it into the realms of free space at the present time, when all available financial aid is needed for the gymnasium. The two enterprising Juniors who bravely attempted to concoct a preparation of A No. 1 dynamite, should travel out into the wild woods and set up their stills beyond the reach of the police and Tech instructors.

* * * * *

THE LOUNGER felt a complicated conglomeration of feelings pass through his bosom when he saw the latest addition made to the already well-filled Trophy room. THE LOUNGER has watched with great interest the advance of this room, peopled at first with two banners and a cup, till its precincts were narrowed by the arrival of a Freshman football picture and the Manager of the Musical Clubs.

THE LOUNGER cannot but smile when he notes the arrival of the Y. M. C. A. Advertising Manager among such congenial company. He can see the intense rivalry which will prevail; the aforementioned Musical Club's manager publishing flaring posters; *Technique* putting Tech war songs in evidence, and the Y. M. C. A. issuing tracts. THE LOUNGER gives forth this timely notice out of the goodness of his heart, so that his protégés, the Freshmen, may not be surprised if, when descending from Room 42, they should be sidetracked and coerced into any old thing.

* * * * *

It is seldom that one appreciates, or as THE LOUNGER's friend, Professor B-t-s would say, "appreciates," the practical value of much that we believe we believe in the line of "applied." It is only last week that THE LOUNGER brought to notice the example of Technology architecture exemplified in the Walker Building, as a type of what our architectural department could endure. And it is with the same feeling that he notices, as he daily passes through that winding and obscure place known as Engineering alley, the landscape feature on the left side as one turns the corner of the fence to collide with someone leaving the alley. Here we have something which may be studied assiduously with great benefit. A simple construction, it is true, but of what ingenuity. Consider the effectiveness of the structure. For two years the rains and storms have failed to destroy this monument. True, the wall now has a fine parabolical curve, and the earth behind it has sunk to the level of a course X. man's expectations to get through his exams. But the sagacity shown in such a feature is enough to balance all its weaknesses. Week by week, we may expect to see that wooden wall bulge more and more, but what of that? The alley is well paved, and it were a fastidious individual who should wish to use the plank walk.

Young Men . . .

Will find our Stock replete with Latest Novelties in

RAIN COATS
FANCY VESTS REVERSIBLE
TUXEDOS
SUITS
OVERCOATS.

Our Special Hat, Style 2525

\$2.00

is equal to most hats sold for three dollars

Continental Clothing House,
Washington and Boylston Streets.

THOMAS O. TURNER
TAILOR
252 Boylston St.
Boston, Mass.

Discount to Tech Students.

MEMBER OF THE CO-OPERATIVE SOCIETY.

" THE GIRLS ARE FOND OF THESE "



TECH EMBLEMS.

Greatest Variety.
Lowest Prices.

BENT & BUSH,
387 WASHINGTON ST., BOSTON.

Priest's Dining Rooms,
102 DARTMOUTH ST.

21 Meal Tickets,	\$4.00
7 Noon Dinners,	1.20
7 Dinners,	1.50

OPEN UNTIL MIDNIGHT.

AWARDED MANY PRIZES WHEN IN COMPETITION WITH OTHER PHOTOGRAPHERS, AND ESPECIALLY HONORED BY THE PHOTOGRAPHERS' ASSOCIATION OF NEW ENGLAND AT THEIR 4TH ANNUAL CONVENTION SEPT. 12-15, 1900, BY THREE SALON AWARDS

Announcement

1901
The . . .
Senior Class Photographer
of Mass. Inst. Tech.
...IS...

Chas. W. Hearn,

STUDIO
394 Boylston Street,
(Near Berkeley St.)

Specially favorable rates to all students of M.I.T.
Portraits in Carbonette Platinum and Carbon.

LATROBE STEEL COMPANY.



Works,
Latrobe, Pa.

Main Office,
Philadelphia, Pa.

The Technology Review

A QUARTERLY MAGAZINE
DEVOTED TO THE
INTERESTS OF THE
MASSACHUSETTS INSTITUTE
OF TECHNOLOGY

AND

PUBLISHED BY THE ASSOCIATION OF CLASS SECRETARIES
71 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men, and to stimulate their interest in the work of the College.

It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

SUBSCRIPTION, ONE DOLLAR A YEAR

SINGLE COPIES, THIRTY-FIVE CENTS

Volumes I. and II., finely bound in half morocco, are ready for delivery at \$2.50 each, or will be exchanged for unbound sets, provided they are in good condition, at \$1.50 each.



Week Commencing January 21, 1901.

Hollis Street Theatre.—Maud Adams in Edmund Rostand's masterpiece, "L'Aiglon," has surpassed her former Boston triumph. Her part is wonderfully taken and the interest is intense from beginning to end. The supporting company is good and the staging is effective. Next week is her final week in Boston.

Colonial Theatre.—"Ben Hur" is now in its fifth week. This marvellously beautiful production of Lew Wallace's famous book is wonderfully well done by a competent company. The staging is one of the chief features. Hereafter seats will be reserved by mail or telephone orders.

S. SIMONS, Tel. 1509-2, Haymarket.
Leading College Shoe Man.
 Low Black Calf a Specialty.
 46 Charles Street, and 45 River Street,
 BACK BAY, BOSTON.

Tremont Theatre.—"Way Down East" has returned to Boston for a limited engagement. It is one of the best of the stage pictures of rural life which are now so popular. The character of the old country folk are well taken by players of more than average ability.

Boston Museum.—"San Toy" and James Powers have taken Boston by storm. The music is heard everywhere. The plot is good for a comic opera and the laughter is almost incessant. The chorus is large and attractive.

Columbia Theatre.—"Miladi and the Musketeer" still continues to bid high for public favor. The music, light, catchy, the handsome costumes and effects, and the excellent chorus combine to give a very pleasant evening's entertainment.

Castle Square Theatre.—"Paul Kauvar" has been so well received that it will be continued for another week. It is a romantic drama of the time of the French Revolution and is filled with stirring wartime scenes. John Craig takes the part of Paul Kauvar.

Boston Theatre.—"The Mormon Wife" continues for the rest of this week. Next week Hanlon's "Superba" will be given.

Park Theatre.—Keller, the magician, will remain for two weeks.

HERRICK TICKETS Copley
 ALL THEATRES Square.
 Telephone 608 and 950 Back Bay.

LONDON BOOT SHOPS.

Our business is devoted chiefly to



YOUNG MEN'S SHOES.

Our Shoes are made on the newest English models, staunch and up-to-date.
 10 per cent discount to "Tech" Students.

COES & STODDER,

78 Boylston Street, and 14 School Street, Boston.



A. S. ADAMS
Maker of the Official
M. I. T. Pin
8 Winter St., BOSTON.

THOMAS HOOPER,
Maker of
CUSTOM SHIRTS,
352 Washington Street, BOSTON.
Telephone 2902 Boston.



MISS POST,
Dancing and Deportment,
Pierce Hall, Copley Sq.,
PRIVATE LESSONS AND CLASSES.
Office hours from 9 to 11 a. m.

S. C. KEITH, JR., '93,
BACTERIOLOGIST
AND CHEMIST,
394 RUTHERFORD AVE., CHARLESTOWN, MASS.

GYMNASIUM

Physical Training.
Keep in good condition by
using our Gymnasium.

Boston Young Men's Christian Association,

Boylston and Berkeley Streets.

Terms for Non-Resident Students, \$8.00 for College Year,

Including all other privileges of the Association.

FULL TERMS, \$10.00 per year.

Medical Supervision; Fine Apparatus; Convenient Lockers; Frequent Classes; Free Instruction; Shower, Sponge, Spray, and Steam Baths; Running Track (raised corners.) Open 9 A.M. to 10 P.M. Massage Department (services reasonable.)

ROBERT J. ROBERTS, Sr., Director.

GEO. L. MEYLAN, M.D., Medical and Physical Director.

N. E. SANDERS, A.B., Assistant Physical Director.

W. H. BENNETT, Asst. Physical Director.

GEORGE. W. MEHAFFEY, General Secretary.

Landers'

Always Open
Quick Service
Polite Attention

Famous Coffee House
and Lunch Room.....

For Ladies and
Gentlemen.

Lunches Put Up
To Take Out.

Our Coffee is Unequalled in the City.

* * *

189 Columbus Ave., cor. Berkeley.
695 Washington Street.

I. N. LANDERS, Proprietor

H. E. SANDERS, Manager

Flowers.

Candies.

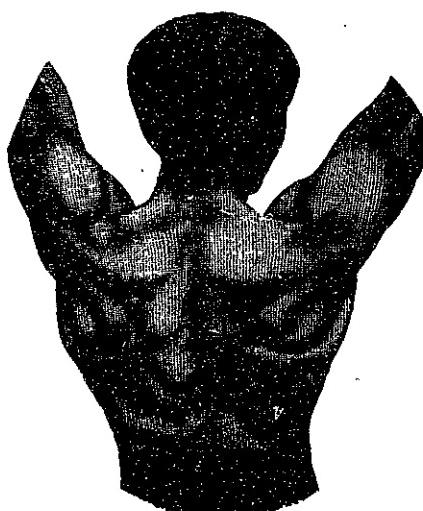
The Thorndike Flower Store,

230 BOYLSTON STREET,

Next to the Thorndike.

Tel. 101 Back Bay.

SPECIAL DISCOUNT TO STUDENTS.



The Bath's the Thing.

TURKISH BATH

Removes all impurities, clears the brain, and sends the blood tingling through the body. The best baths in Boston are the

TREMONT TURKISH BATHS,
Adolph Lundin, Prop. 176 Tremont St., Boston.
Under the Tremont Theatre. Tel. 625 Oxford.

Young's Hotel

Parker House

Hotel Touraine

BOSTON, MASS.

J. R. WHIPPLE & CO.

Royal

Dairy Lunch,
11 & 12 Park Square,
BOSTON.

A. C. STONE, Proprietor,

C. H. MANSFIELD, Manager.



OPEN ALL NIGHT.

LUNCHES put up to take out.

Wright & Ditson, LEADING BASEBALL OUTFITTERS.

Wright & Ditson's Intercollegiate Base Ball is specially adapted for school and college matches	\$1.25
Wright & Ditson's League Ball,	1.00
Wright & Ditson's League Bats are finely balanced, thoroughly seasoned, and are hard drivers,75
League Bat,75
College Bats,50
Amateur Bats,25
Special College Catchers' Mit, { Extra Large,	7.00
Ordinary Size,	5.00
Best Baseman's Mit,	4.00
Best Fielder's Glove,	2.50

Uniforms, Shoes and other Supplies are the best.
Send for Catalogue containing Price List of Golf,
Tennis, Football and General Athletic Goods.

WRIGHT & DITSON, 344 Washington St., Boston.

ALL GOODS REQUIRED BY STUDENTS AT

Maclachlan's,
214 Clarendon Street.

Drawing Instruments and Materials, etc.
Fountain Pens, Text Books.

EGYPTIAN DEITIES

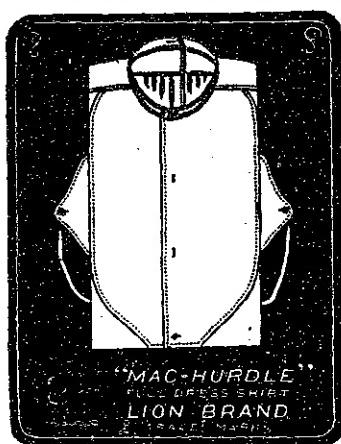
"NO BETTER TURKISH CIGARETTES CAN BE MADE"

Students, Attention!

At **TRINITY COURT PETIT LUNCH**, one minute's walk from Technology buildings, you can get the best and at the most reasonable prices in Boston.

Service and cuisine unexcelled.

TRY US.



Patented Perfect Fitting

MAC-HURDLE FULL DRESS SHIRT

Never bulges no matter under what condition of body posture it is worn.

Ask for "LION BRAND" Shirts, Collars and Cuffs.
Made to fit each other.

United Shirt & Collar Co.,
Makers,
TROY, N. Y.

St. Botolph Hall Cafe

38 St. Botolph Street.



Service and
Cuisine
Unexcelled.



G. R. HOWARD.

THE BRUNSWICK,

BOSTON.

Boylston and Clarendon Streets,

(Adjoining Copley Square.)

Near the Museum of Fine Arts, New Public Library, New Old South Church, and opposite Trinity (Philips Brooks') Church and Institute of Technology.

KEPT ON BOTH AMERICAN
AND EUROPEAN PLANS.

BARNES & DUNKLEE, Proprietors.

H. H. BARNES, Manager.



Boston University School of Medicine.

* * *

Large teaching force, including specialists. Advanced and thorough methods of instruction. High standards. A broad and comprehensive curriculum. Exceptional laboratory and clinical facilities; upwards of 20,000 hospital and dispensary patients being annually available for purposes of clinical instruction.

For information and circular, apply to

J. P. SUTHERLAND, M.D., *Dean*,
295 Commonwealth Avenue,
BOSTON, MASS.

DR. ALPHEUS R. BROWN,
DENTIST,

201 CLARENDON ST., BOSTON.
Next to The Brunswick.

Telephone,
No. 1431-2 Back Bay.



F. L. DUNNE,

Maker of ← →

Men's Clothes.

**CORRECT
LONDON NOVELTIES
FOR EVERY
OCCASION.**

Sporting Garments

OF ALL DESCRIPTIONS.

Transcript Building, * 328 Washington St.,
BOSTON.

MARKS COMPANY, Merchant Tailors,

6 BEACON STREET,

(Opp. head of Somerset St.)



WE CLAIM TO BE ABLE TO
PLEASE EVERYBODY.

YOU WILL FIND, ON EX-
AMINATION, THAT WE
CARRY A FULL LINE
OF THE

LATEST AND MOST EXCLUSIVE DESIGNS

AND THAT WE ARE THEREFORE ABLE TO
SUIT THE MOST FASHIONABLE AND FASTI-
DIOUS TASTES.

Overcoats a Specialty.

OUR PRICES \$25.00 AND UP.



J. C. LITTLEFIELD,

Tailor and Outfitter,

12 Beacon Street,
Boston.

I can offer you a larger and more complete assortment
than can be seen elsewhere, and at lower prices for the
same qualities. Look in and examine my prices before
placing your order.

Golf Breeches, Riding Breeches, and Dress
Suits a Specialty.

DISCOUNT TO STUDENTS.

BATH ROBES -- *Special Cut Prices.*

January 14th to 19th,

Keep's Annual Sale--Bargains in Every Department.

KEEP MANUFACTURING CO., 156 Tremont Street.

Elmer Chickering.

The Leading Photographer.

21 WEST STREET, BOSTON.

SPECIAL RATES TO M. I. T. STUDENTS.

**

Class Rate, 1900-1901.

**

Crown Photograph—Carbonette Finish.

First Dozen, \$3 Additional Dozens at \$2.

Four Dozen (50) Pictures Ordered at One Time, \$8.

Eight Dozen (100) Pictures Ordered at One Time, \$12.

With each lot of four dozen two finished proofs allowed.

With each lot of eight dozen four finished proofs allowed.

Each extra position finished for fifty cents each.

Ten extra pictures given free with every order for 50.

Fifteen extra pictures given free with every order for 100.